LPI

Exam Questions 102-500

LPIC-1 Exam 102 - Part 2 of 2 - version 5.0

NEW QUESTION 1
- (Exam Topic 1)
After issuing:
function myfunction { echo $1 $2 ; }
in Bash, which output does:
myfunction A B C
Produce?

A. A B
B. A B C
C. A C
D. B C
E. C B A

Answer: A

NEW QUESTION 2
- (Exam Topic 1)
What output will the following command sequence produce? echo '1 2 3 4 5 6' | while read a b c; do
echo result: $c $b $a; done

A. result: 3 4 5 6 2 1
B. result: 1 2 3 4 5 6
C. result: 6 5 4
D. result: 6 5 4 3 2 1
E. result: 3 2 1

Answer: A

NEW QUESTION 3
- (Exam Topic 1)
Which of the following commands lists all defined variables and functions within Bash?

A. env
B. set
C. env -a
D. echo $ENV

Answer: B

NEW QUESTION 4
- (Exam Topic 1)
You are looking into a new script you received from your senior administrator. In the very first line you notice a #! followed by a file path. This indicates that:

A. The file at that location was used to make the script.
B. This script provides identical functionality as the file at that location.
C. This script will self-extract into a file at that location.
D. The program at that location will be used to process the script.

Answer: D

NEW QUESTION 5
- (Exam Topic 1)
When the command echo $$ outputs 12942, what is the meaning of 12942?

A. It is the process ID of the echo command.
B. It is the process ID of the current shell.
C. It is the process ID of the last command executed.
D. It is the process ID of the last command which has been placed in the background.

Answer: B

NEW QUESTION 6
- (Exam Topic 2)
On a system running the KDE Display Manager, when is the /etc/kde4/kdm/Xreset script automatically executed?

A. When KDM starts
B. When a user's X session exits
C. When KDM crashes
D. When X is restarted
E. When X crashes

Answer: B

NEW QUESTION 7

- (Exam Topic 2)
X is running okay but you're concerned that you may not have the right color depth set. What single command will show you the running color depth while in X?

A. xcd
B. xcdepth
C. xwininfo
D. xcolordepth
E. cat /etc/X11

Answer: C

NEW QUESTION 8
- (Exam Topic 2)
The X11 configuration file xorg.conf is grouped into sections. How is the content of the section SectionName associated with that section?

A. It is placed in curly brackets as in Section SectionName { ... }.
B. It is placed between a line containing Section "SectionName" and a line containing EndSection.
C. It is placed between the tags <Section name="SectionName"> and </Section>
D. It is placed after the row [SectionName].
E. It is placed after an initial unindented Section "SectionName" and must be indented by exactly one tab character.

Answer: B

NEW QUESTION 9
- (Exam Topic 2)
Which file used by XDM specifies the default wallpaper?

A. /etc/X11/xdm/Xsetup
B. /etc/X11/xdm.conf
C. /etc/X11/xdm/Defaults
D. /etc/X11/defaults.conf

Answer: A

NEW QUESTION 10
- (Exam Topic 2)
Which of the following are tasks handled by a display manager like XDM or KDM? (Choose TWO correct answers.)

A. Start and prepare the desktop environment for the user.
B. Configure additional devices like new monitors or projectors when they are attached.
C. Handle the login of a user.
D. Lock the screen when the user was inactive for a configurable amount of time.
E. Create an X11 configuration file for the current graphic devices and monitors.

Answer: AC

NEW QUESTION 10
- (Exam Topic 3)
Which of the following fields can be found in the /etc/group file? (Choose THREE correct answers.)

A. The list of users that belong to the group.
B. The home directory of the group.
C. The name of the group.
D. The description of the group.
E. The password of the group.

Answer: ACE

NEW QUESTION 13
- (Exam Topic 3)
A user was not given permission to use the CRON scheduling system. What file needs to be modified to provide that access? (Please specify the full path to the file)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
/etc/cron.allow

NEW QUESTION 18
- (Exam Topic 3)
The correct crontab entry to execute the script chklog three times per month between 3 p.m. and 5 p.m.:

A. * 3,4,5 1 * * chklog
B. 3 3,4,5 1 * * chklog

C. 3 15,16,17 * * * chklog
D. 0 15,16,17 1 * * chklog
E. * 15,16,17 1 * * chklog

Answer: D

NEW QUESTION 19
- (Exam Topic 3)
Which of the following crontab entries will execute myscript at 30 minutes past every hour on Sundays?

A. 0 * * * 30 myscript
B. 30 * * * 6 myscript
C. 30 0 * * 0 myscript
D. 30 0-23 * * 0 myscript
E. 0 0-23 * * 30 myscript

Answer: D

NEW QUESTION 22
- (Exam Topic 3)
On a system using shadowed passwords, the most correct permissions for /etc/passwd are _____ and the most correct permissions for /etc/shadow are ____.

A. -rw-r-----, -r--------
B. -rw-r--r--, -r--r--r--
C. -rw-r--r--, -r--------
D. -rw-r--rw-, -r-----r--
E. -rw-------, -r--------

Answer: C

NEW QUESTION 23
- (Exam Topic 3)
In which file, if present, must all users be listed that are allowed to use the cron scheduling system? (Specify the full name of the file, including path.)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
/etc/cron.allow

NEW QUESTION 24
- (Exam Topic 3)
Of the ways listed, which is the best way to temporarily suspend a single user's ability to interactively login?

A. Add the user name to /etc/nologin.
B. Change the user's password.
C. Change the user name in /etc/passwd.
D. Use change to expire the user account.
E. Place the command logout in the user's profile.

Answer: D

NEW QUESTION 28
- (Exam Topic 3)
Which character in the password field of /etc/passwd is used to indicate that the encrypted password is stored in /etc/shadow?

A. *
B. -
C. s
D. x

Answer: D

NEW QUESTION 31
- (Exam Topic 3)
The system's timezone may be set by linking /etc/localtime to an appropriate file in which directory? (Provide the full path to the directory, without any country information)

A. Mastered
B. Not Mastered

Answer: A

Explanation:

/usr/share/zoneinfo/

NEW QUESTION 34
- (Exam Topic 3)
What is true about the file /etc/localtime?

A. It is a plain text file containing a string such as Europe/Berlin.
B. It is created and maintained by the NTP service based on the geolocation of the system's IP address.
C. It is a symlink to /sys/device/clock/ltime and always contains the current local time.
D. It is either a symlink to or a copy of a timezone information file such as /usr/share/zoneinfo/Europe/Berlin.

Answer: D

NEW QUESTION 35
- (Exam Topic 3)
A French user has installed the French language pack, but currencies are still being displayed with a leading '$' sign in his spreadsheets. What must be done to fix this?

A. Alter the locale.
B. Set the timezone correctly.
C. Edit /etc/currency.
D. Reinstall the French language pack.

Answer: A

NEW QUESTION 36
- (Exam Topic 3)
Which crontab entry could be used to set the system time at regular intervals?

A. 1 0 * * * date $d $t $24
B. 1 0 * * * ntpdate ntp1.digex.net
C. 1 0 * * * date ntp1.digex.net
D. 1 0 * * * runcron date ntp1.digex.net
E. 1 0 * * * settime $d $t $24

Answer: B

NEW QUESTION 40
- (Exam Topic 3)
Which of the following commands can remove a user from a group?

A. grouprm
B. groupmod
C. passwd
D. usergroups
E. usermod

Answer: E

NEW QUESTION 43
- (Exam Topic 4)
Which of the following is observed and corrected by a NTP client?

A. The skew in time between the system clock and the hardware clock.
B. The skew in time between the system clock and the reference clock.
C. Changes in the time zone of the current computer's location.
D. Adjustments needed to support Daylight Saving Time.

Answer: B

NEW QUESTION 46
- (Exam Topic 4)
After configuring printing on a Linux server, the administrator sends a test file to one of the printers and it fails to print. What command can be used to display the status of the printer's queue? (Specify ONLY the command without any path or parameters.)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
lpq, /usr/bin/lpq, lpstat, /usr/bin/lpstat

NEW QUESTION 49
- (Exam Topic 4)

After adding a new email alias to the configuration, which command must be run in order to ensure the MTA knows about it? (Specify the command without any path but including all required parameters.)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
newaliases, sendmail -bi

NEW QUESTION 52
- (Exam Topic 4)
What command can be used to generate syslog entries of any facility and priority? (supply just the command name without a path)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
logger

NEW QUESTION 53
- (Exam Topic 4)
Please specify the top directory containing the configuration files for the CUPS printing system. (Specify the full path to the directory.)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
/etc/cups, /etc/cups/

NEW QUESTION 57
- (Exam Topic 4)
Which option in the /etc/ntp.conf file specifies an external NTP source to be queried for time information? (Specify ONLY the option without any values or parameters.)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
server

NEW QUESTION 58
- (Exam Topic 4)
Which command, available with all MTAs, is used to list the contents of the MTA's mail queue? (Specify ONLY the command without any path or parameters.)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
mailq, /usr/bin/mailq, sendmail -bp, /usr/sbin/sendmail -bp, /usr/lib/sendmail -bp, sendmail,
/usr/sbin/sendmail, /usr/lib/sendmail

NEW QUESTION 61
- (Exam Topic 5)
Which of the following may occur as a consequence of using the command ifconfig? (Choose THREE correct answers.)

A. New name servers may be added to the resolver configuration.
B. Network interfaces may become active or inactive.
C. The routing table may change.
D. IP addresses may change.
E. The system's host name may change.

Answer: BCD

NEW QUESTION 62
- (Exam Topic 5)
What is the command to delete the default gateway from the system IP routing table? (Choose TWO correct answers.)

A. route del default
B. ifconfig unset default
C. netstat -r default
D. ip route del default
E. sysctl ipv4.default_gw=0

Answer: AD

NEW QUESTION 65
- (Exam Topic 5)
Which of the following keywords can be used in the file /etc/resolv.conf? (Choose TWO correct answers.)

A. substitute
B. nameserver
C. search
D. lookup
E. method

Answer: BC

NEW QUESTION 68
- (Exam Topic 5)
Which of the following is true about IPv6?

A. With IPv6, the TCP port numbers of most services have changed.
B. IPv6 no longer supports broadcast addresses.
C. IPv4 addresses can be used without any change with IPv6.
D. IPv6 no longer supports multicast addresses.
E. For IPv6, UDP and TCP have been replaced by the Rapid Transmission Protocol RTP.

Answer: B

NEW QUESTION 71
- (Exam Topic 5)
Which of the following keywords can be used in the file /etc/nsswitch.conf to specify a source for host name lookups? (Choose TWO correct answers.)

A. resolv
B. dns
C. remote
D. files
E. hosts

Answer: BD

NEW QUESTION 72
- (Exam Topic 5)
Which of the following commands will help identify a broken router between the local and the remote machine?

A. ps
B. netstat
C. nslookup
D. ifconfig
E. traceroute

Answer: E

NEW QUESTION 77
- (Exam Topic 5)
Which of the following commands can be used to display the local routing table? (Choose TWO correct answers.)

A. ifconfig
B. dig
C. netstat
D. route
E. trackroute

Answer: CD

NEW QUESTION 80
- (Exam Topic 5)
What is the purpose of the nsswitch.conf file?

A. It is used to configure where the C library looks for system information such as host names and user passwords.
B. It is used to configure network protocol port numbers such as for HTTP or SMTP.
C. It is used to configure LDAP authentication services for the local system.
D. It is used to configure which network services will be turned on during the next system boot.

Answer: A

NEW QUESTION 85
- (Exam Topic 5)
What is true regarding TCP port 23?

A. Port 23 is the well known port for the telnet service which is a plain text protocol that should no longer be used.
B. Port 23 is the well known port for the SSH service which provides secure logins.
C. Port 23 is the well known port for the rlogin service which is SSL secured by default.
D. Port 23 is the well known port for the system login services which are encrypted when the user runs the starttls command in his login shell.

Answer: A

NEW QUESTION 90
- (Exam Topic 6)
What argument to the -type option of find will match files that are symbolic links? (Specify only the argument and no other options or words.)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
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NEW QUESTION 91
- (Exam Topic 6)
Which file contains a set of services and hosts that will be allowed to connect to the server by going through a TCP Wrapper program such as tcpd? (Specify the full name of the file, including path.)https://lh3.googleusercontent.com/-5cd-clmKnbk/AAAAAAAAAAI/AAAAAAAAADM/-SXesH19Ido/s4

A. Mastered
B. Not Mastered

Answer: A

Explanation:
/etc/hosts.allow

NEW QUESTION 96
- (Exam Topic 6)
Which command is used to set restrictions on the size of a core file that is created for a user when a program crashes?

A. core
B. edquota
C. ulimit
D. quota

Answer: C

NEW QUESTION 97
- (Exam Topic 6)
On a Linux system with shadow passwords enabled, which file in the file system contains the password hashes of all local users? (Specify the full name of the file, including path.)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
/etc/shadow

NEW QUESTION 101
- (Exam Topic 6)
The presence of what file will temporarily prevent all users except root from logging into the system? (Specify the full name of the file, including path.)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
/etc/nologin

NEW QUESTION 106

- (Exam Topic 6)
Which of the following commands connects to the remote host example.com which has OpenSSH listening on TCP port 2222? (Choose TWO correct answers.)

A. ssh --port 2222 example.com
B. ssh -p 2222 example.com
C. ssh -o Port=2222 example.com
D. ssh -o GatewayPort=2222 example.com
E. ssh example.com:2222

Answer: BC

NEW QUESTION 109
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